encoder / decoder

FOUND IN TRANSLATION

The MAX-CSE MAX Commercial Solutions Encoder and MAX-CSD10 MAX Commercial Solutions Decoder allow audio and video signals to be delivered in real-time across any IP network for broadcast to a virtually limitless number of destinations – classrooms, boardrooms, training facilities, retail store branches and other commercial settings.

OVER THE IP NETWORK ...

The Encoder provides real-time encoding of analog audio or video content into MPEG2/4 formats for delivery across any IP network directly to the MAX-CSD10 Decoder or Modero VG Series Touch Panel for immediate playback.

... TO POINT OF DESTINATION

The Decoder is engineered to provide real-time decoding of digital video content into Composite or S-Video for viewing on a display device such as a television, plasma screen, projector and AMX Modero Touch Panel.

encoder / decoder

MAX-CSE (FG 2178-70)

POWER
- Power Over Ethernet (POE)
- 12VDC: for use with NetLinx PSN power supply (not included); overrides POE when used.

CURRENT DRAW
- 500mA @ 12V (6W)

VIDEO INPUT
- Composite Video
- S-Video

AUDIO INPUT
- Analog Stereo (RCA connectors - Red, White)
- Microphone (1/8" stereo)

SUPPORTED RESOLUTIONS
- NTSC (480i)
- PAL (576i)

SUPPORTED VIDEO CODECS
- MPEG-2
- MPEG-4
- Adjustable Bit Rate: up to 6 Mbps

SUPPORTED AUDIO CODECS
- MPEG Audio Level 2 (MP2)
- MPEG Audio Level 4 (MP4)
- AAC

FRONT PANEL COMPONENTS
- LCD Display
- IR Receiver: receives 38kHz AMX IR codes.
- Status LED: blinks to indicate system and communication status.
- ID Pushbutton: sets the NetLinx ID (Device only) assignment for the device.

REAR PANEL CONNECTORS
- COMPOSITE IN: RCA Composite Video Input
- 12VDC PWR: accepts a 2-pin 3.5mm captive-wire connector for (optional) 12 VDC power supply (overrides POE).
- ETHERNET: RJ-45 Ethernet port provides 10/100 network communication and POE.
  Green LEDs indicate communication activity, connections, speeds, and mode information.
- S-VIDEO IN: Mini-Din4 port for S-video input.
- AUDIO R/L: RCA connectors (Red, White) for analog stereo input.
- MIC: mini-stereo microphone input jack.
- RS-232/422/485: 9-pin (DB-9) Serial port supports RS-232 / RS-422 / RS-485 data output.
  - 300, 600, 1,200, 2,400, 4,800, 9,600, 19,200, 38,400, 115,200 Baud
  - 8 or 9 Data bits
  - 1 or 2 Stop bits
  - Even, Odd, Mark, Space and None parity settings
  - CTS and RTS handshaking
  - XON/XOFF handshaking
- IR: 2-pin (male) green captive-wire connector for IR/Serial control output (software selectable, 1.142Mhz carrier).
- I/O: two digital Input/Output ports, for contact closure control (accepts a 4-pin 3.5mm captive-wire connector).

OPERATING ENVIRONMENT
- Operating Temperature: -10° to 40° C (14° to 113° F)
- Storage temperature: -30° to 70° C (22° to 158° F)
- Operating Relative Humidity: 5% to 85% (non-condensing)
- Operation intended for indoor use only.

DIMENSIONS (HWD)
- 1.52"" x 5.54" x 6.95" (3.86 cm x 14.07 cm x 17.67 cm)

WEIGHT
- 1.95 lbs (0.88 kg)

OPTIONAL ACCESSORIES
- AC-RK Accessory Rack Kit (FG515)
- PSN2.8: Power supply (FG423-17)
- PSN4.4: Power supply(FG423-45)
- PSN6.5: Power supply (FG423-41)

MAX-CSD10 (FG 2178-72)

POWER
- Power Over Ethernet (POE)
- 12VDC: for use with NetLinx PSN power supply (not included); overrides POE when used.

CURRENT DRAW
- 500mA @ 12V (6W)

VIDEO OUTPUT
- Composite Video
- S-Video

AUDIO OUTPUT
- Analog Stereo (RCA connectors - Red, White)

SUPPORTED RESOLUTIONS
- NTSC (480i)
- PAL (576i)

SUPPORTED VIDEO CODECS
- MPEG-2
- MPEG-4
- Adjustable Bit Rate: up to 6 Mbps

FRONT PANEL COMPONENTS
- LCD Display
- IR Receiver: receives 38kHz AMX IR codes.
- Status LED: blinks to indicate system and communication status.
- ID Pushbutton: sets the NetLinx ID (Device only) assignment for the device.

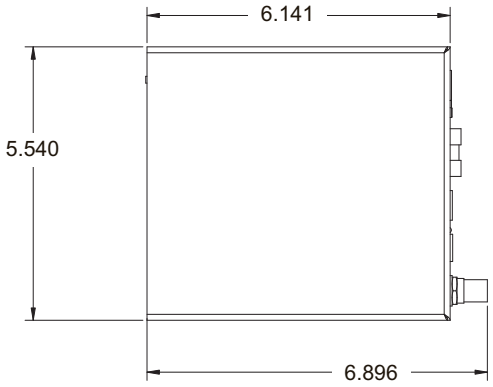
REAR PANEL CONNECTORS
- COMPOSITE OUT: RCA Composite Video Input
- 12VDC PWR: accepts a 2-pin 3.5mm captive-wire connector for (optional) 12 VDC power supply (overrides POE).
- ETHERNET: RJ-45 Ethernet port provides 10/100 network communication and POE.
  Green LEDs indicate communication activity, connections, speeds, and mode information.
- S-VIDEO OUT: Mini-Din4 port for S-video output.
- AUDIO R/L: RCA connectors (Red, White) for analog stereo output.
- RS-232/422/485: 9-pin (DB-9) Serial port supports RS-232 / RS-422 / RS-485 data output.
  - 300, 600, 1,200, 2,400, 4,800, 9,600, 19,200, 38,400, - 115,200 Baud
  - 8 or 9 Data bits
  - 1 or 2 Stop bits
  - Even, Odd, Mark, Space and None parity settings
  - CTS and RTS handshaking
  - XON/XOFF handshaking
- IR: 2-pin (male) green captive-wire connector for IR/Serial control output (software selectable, 1.142Mhz carrier).
- I/O: two digital Input/Output ports, for contact closure control (accepts a 4-pin 3.5mm captive-wire connector).

OPERATING ENVIRONMENT
- Operating Temperature: -10° to 40° C (14° to 113° F)
- Storage temperature: -30° to 70° C (22° to 158° F)
- Operating Relative Humidity: 5% to 85% (non-condensing)
- Operation intended for indoor use only.

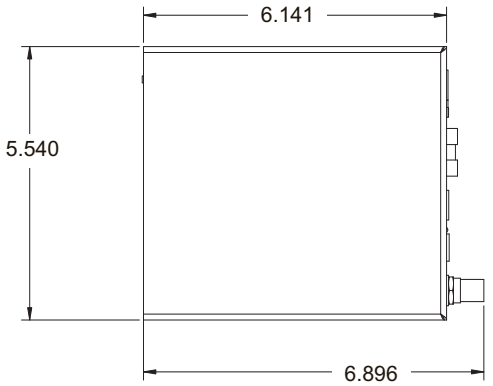
DIMENSIONS (HWD)
- 1.52"" x 5.54" x 6.95" (3.86 cm x 14.07 cm x 17.67 cm)

WEIGHT
- 1.95 lbs (0.88 kg)

OPTIONAL ACCESSORIES
- AC-RK Accessory Rack Kit (FG515)
- PSN2.8: Power supply (FG423-17)
- PSN4.4: Power supply(FG423-45)
- PSN6.5: Power supply (FG423-41)



MAX-CSE
(FG 2178-70)



MAX-CSD10
(FG 2178-72)

100-019-2889 © 2005 AMX Corporation. All rights reserved. AMX and the AMX logo are all trademarks of AMX Corporation. AMX reserves the right to alter specifications without notice at any time.